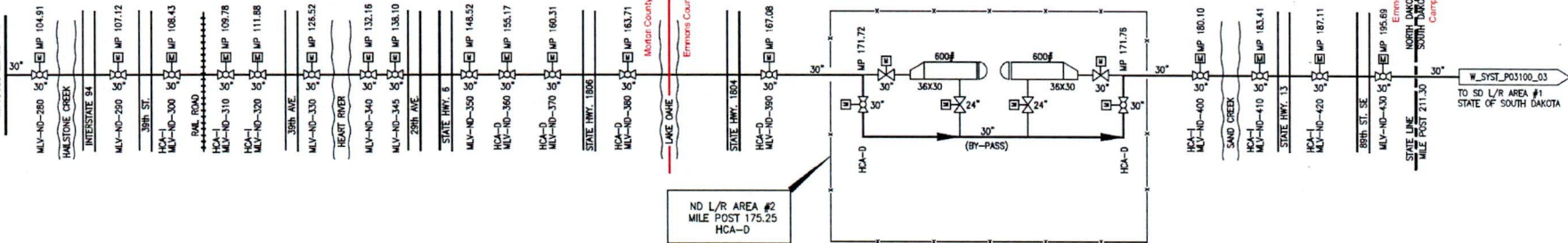


MATCH LINE "A"



LEGEND:

- EXISTING PIPELINE
- NEW PIPELINE
- - - INDICATES FENCED AREA
- MLV MAIN LINE VALVE
- KLV KICKER LINE VALVE
- SV SCRAPER VALVE
- MSV METER STATION VALVE
- MP MILE POST
- MANUAL MANUALLY OPERATED VALVE
- ⊞ EXPANDING GATE VALVE WITH MOTOR OPERATOR
- ⊞ BALL VALVE WITH MOTOR OPERATOR
- ⊞ BALL VALVE

NOTES:

1. MP ARE PRELIMINARY, FINAL LOCATIONS TO BE DETERMINED PRIOR TO ISSUE FOR CONSTRUCTION.
2. UNTIL POWER AVAILABILITY IS DETERMINED OTHERWISE BY M S BENBOW, ALL VALVES ARE MARKED AS ELECTRIC MOTOR OPERATED VALVES (EMOV).
3. HCA INDICATES HIGH CONSEQUENCE AREA. HCA-D (DIRECT) AND HCA-I (INDIRECT).
4. ALL HCA (DIRECT AND INDIRECT) ARE PNEUMATIC OPERATED VALVES (POV) EFRD'S.

W_SYST_P03100_01
FROM WATFORD CITY
PUMP STATION

JOHNSON CORNER
PUMP STATION
MILE POST 0.00

Mckenzee County
Dunn County
MP 10.35

Dunn County
Hanser County
MP 63.54

Mercer County
Morton County
MP 92.00

Morton County
Emmons County
MP 165.96

Emmons County
NORTH DAKOTA
SOUTH DAKOTA
MILE POST 211.30
Campbell County

ND L/R AREA #1
AT 67th AVE. SW
MILE POST 82.50

ND L/R AREA #2
MILE POST 175.25
HCA-D

MATCH LINE "A"

W_SYST_P03100_03
TO SD L/R AREA #1
STATE OF SOUTH DAKOTA

ENGINEERING RECORD	
DRAWN BY	L. GLOVER
CHECKED BY	J. REINE
APPROVED BY	S. BROWN
DATE	10/13/14
SCALE	NONE

REV.	DATE	APP#	DESCRIPTION	APPROVAL
D	05/22/15	N/A	ISSUED FOR DESIGN	WRH
C	04/29/15	N/A	ISSUED FOR CLIENT APPROVAL	WRH
B	02/13/15	N/A	ISSUED FOR CLIENT REVIEW	JDR
A	01/22/15	N/A	ISSUED FOR CLIENT REVIEW	JDR

STATE OF NORTH DAKOTA

PROCESS FLOW DIAGRAM
SYSTEM MAP
DAKOTA ACCESS PIPELINE
SHEET 2 OF 10

OLD DRAWING NO. _____

REV. NO. W_SYST_P03100_02

REV. NO. D